CLIENT 300

FIG. 3

302 PROCESSOR

308 HOST/PCI CACHE/BRIDGE

304 MAIN MEMORY

316 AUDIO ADAPTER

BUS 306

312 SCSI HOST BUS ADAPTER

310 LAN ADAPTER

314 EXPANSION BUS INTERFACE

318 GRAPHICS ADAPTER

319 AUDIO/VIDEO ADAPTER

DISK 326

TAPE 328

CD-ROM 330

320 KEYBOARD AND MOUSE ADAPTER

MODEM 322

MEMORY 324

FIG. 4

404 COMPUTER SYSTEM

408 NETWORK MANAGEMENT ENGINE

400 DATA PROVIDER

406 COMPUTER SYSTEM

402 DATA SOURCE

FIG. 5

508 MEMBERSHIP DATABASE

S5

506 TABLE CACHE SERVER

S9

502 DIRECTORY SERVICE

S6 S3

504 CLIENT

S1, S11 S7

500 DATA PROVIDER

S12 DATA TRIGGERED TABLE

510 DATA PROVIDER DATA SOURCE